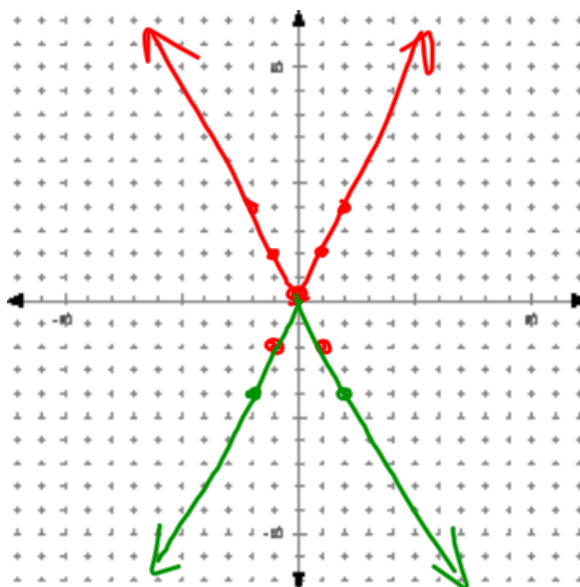


$$1. 2|x| = |y|$$

$$|y| = 2|x|$$

$$y = 2|x| \text{ or}$$

$$y = -2|x|$$



Oct 13-12:18 PM

* Sum of 2 abs. values

$$2. |x| + |y| = 3$$

$$|y| = 3 - |x|$$

$$y = 3 - |x| \text{ or}$$

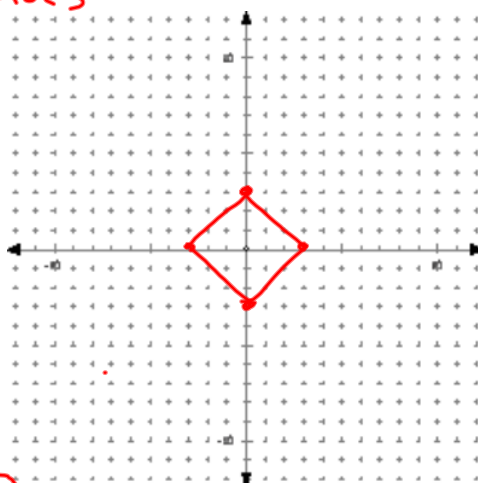
$$y = |x| - 3$$

$$(0, 3)$$

$$a = -1$$

$$(0, -3)$$

$$a = 1$$



$$3 - |x| \geq 0$$

$$3 \geq |x|$$

$$|x| \leq 3$$

$$x \leq 3 \text{ AND } x \geq -3$$

$$-3 \leq x \leq 3$$

$$|x| = 3 - |y|$$

$$-3 \leq y \leq 3$$

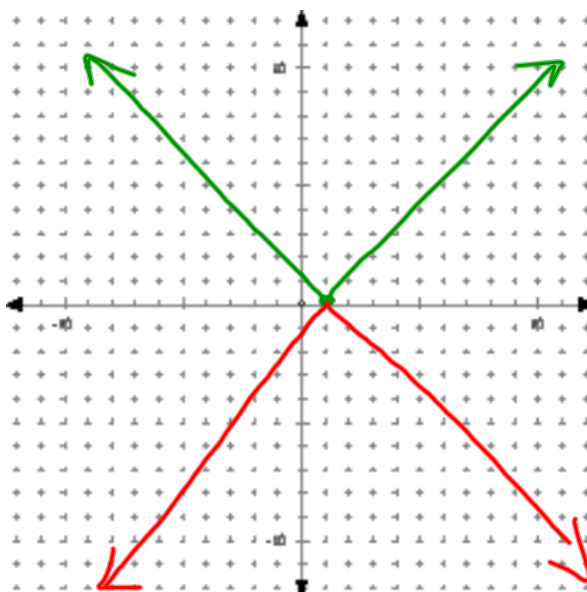
Oct 13-12:20 PM

3. $|y| = |x - 1|$

$$y = |x - 1| \text{ or}$$

$$y = -|x - 1|$$

$$V(1, 0)$$

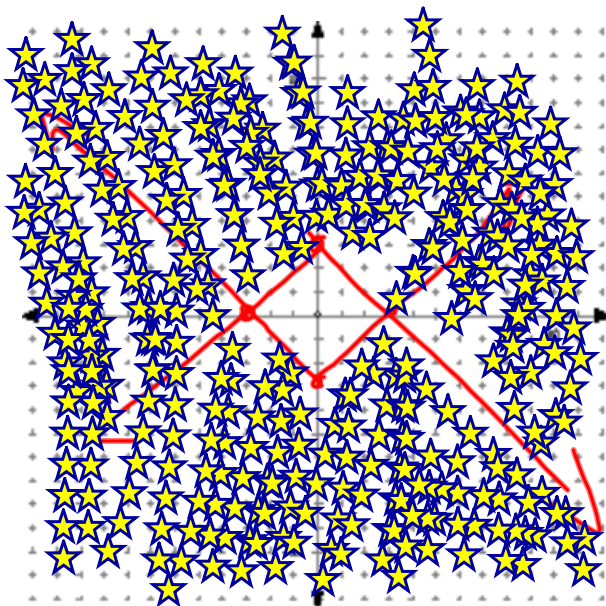


5. $|y| \geq 3 - |x|$

$$y \geq 3 - |x|$$

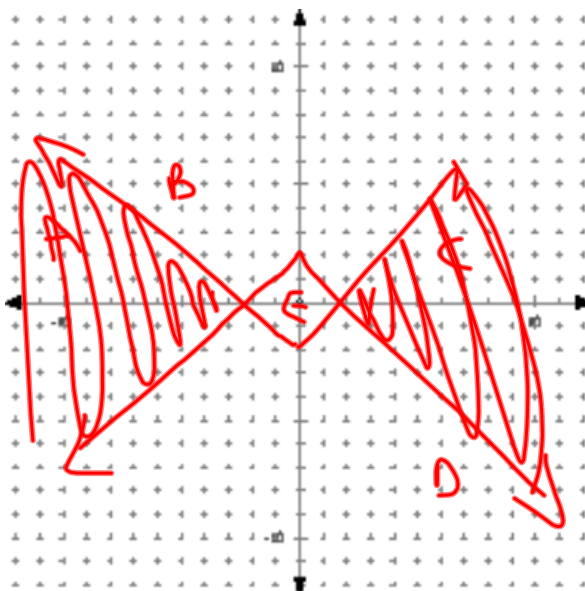
or

$$y \leq |x| - 3$$



Oct 13-12:20 PM

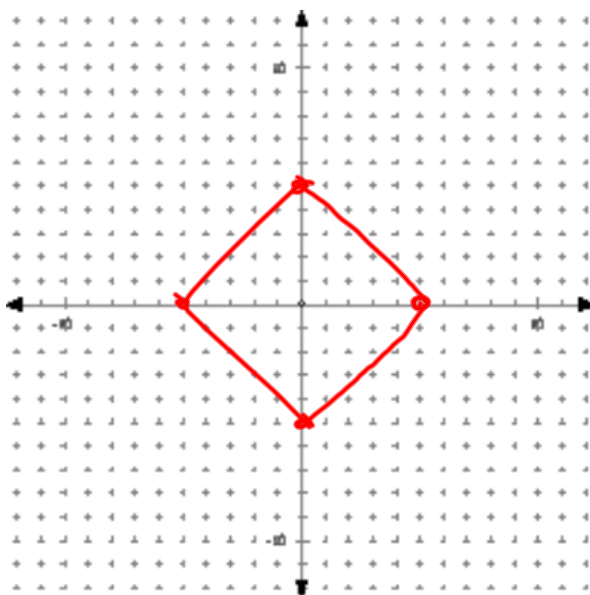
6. $|x| - |y| \geq 2$



Oct 13-12:20 PM

7. ~~$|x+y| + |x-y| = 6$~~

$$|x| + |y| = 5$$



Oct 13-12:20 PM

7. $|x| + |y| = 6$

8. $|y| = -|x+2| + 7$

Oct 16-1:25 PM